

Title (en)

Process and machine for sorting postal items with sequencing of containers on a band conveyor

Title (de)

Verfahren und Maschine zum Sortieren von Postsendungen mit in-Reihenfolge-bringen von Behältern auf einem Bandförderer

Title (fr)

Procédé et machine de tri d'envois postaux avec un séquençement des bacs sur un convoyeur à bande

Publication

EP 1726371 A1 20061129 (FR)

Application

EP 06113973 A 20060516

Priority

FR 0551402 A 20050527

Abstract (en)

The method involves controlling an automatic controlled tray handling system, during a sorting pass, if a tray is full, to transfer the full tray on a full tray conveyor which is stopped to bring an empty tray in the pass. The logical destination of another sorting pass is assigned to a third sorting pass having an empty tray, if a tray is full in the latter pass. The conveyor, at the end of the pass, is advanced to transfer all the trays present in the former pass. The conveyor is advanced to transfer all the trays present in the latter and third passes. An independent claim is also included for a postal sorting machine for implementing a postal item sorting method.

IPC 8 full level

B07C 3/08 (2006.01)

CPC (source: EP)

B07C 3/08 (2013.01)

Citation (search report)

- [DA] US 2004016623 A1 20040129 - OLSON DOUGLAS E [US], et al
- [DA] US 2003141226 A1 20030731 - MORIKAWA HAJIME [JP]

Cited by

EP1820575A1; FR2940151A1; US9108225B2; US8504192B2; WO2010072935A1; WO2009081008A3

Designated contracting state (EPC)

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